

**ABSTRACT**

The aim of the invention is to produce alcohol from plant-based raw materials while reducing energy consumption. Said aim is achieved by separating the husk portion of cereals during grinding and feed said husk portion to a dryer (21) which dries distiller's wash as a carrier medium for distiller's wash. The lost heat of said dryer (21) is supplied to the distillation station (15) as process heat. The lost heat of a molecular sieve (45) that drains the raw alcohol is also redirected to the distillation station (15) as process heat.